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STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
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May 23, 1978

Mr. Lloyd B. Mecham, President
Utah West Mining and Development, Inc.
867 North 8th East
Price, UT. 84501

Re: Delta Mine
Emery County, Utah
ACT/015/020

Dear Mr. Mecham:

Jim Smith and I visited the Delta Mine on May 9th 1978. We were met by Mr. Randy Mecham at the site.

Reclamation of the Delta Mine should include regrading the spoil and ore piles so as to ensure the mass stability of the disturbed area and to minimize erosion. Revegetation is not as big a problem as it seems as surface cover on the disturbed area must be 70% as dense as the surface cover of the representative vegetative communities surrounding the mine. Since the surrounding area is extremely sparse, the revegetation density need not be high. There is a recommended seed mixture enclosed.

The Division sees no problem with the highwall as long as it is not excavated so there is an overhang of the Wingate Cliff.

If underground mining is planned, either under the Wingate Cliff or re-entering old underground workings, you may include such work in the plan submitted or file an amendment at a later date when plans are more firm.

Mr. Frandsen's letter of April 26th 1978 mentions a reclamation bond of \$10,000 that would accrue in an escrow account based on the amount of ore mined and sold and the grade. When the bond is estimated by the Division it should be considerably less than \$10,000. The Division is agreeable to an escrow account, but we would require a definite minimum dollar amount to be deposited monthly.

Before the bond can be computed and approval issued the Division must receive a map of the surface facilities showing present and proposed spoil dumps, adits, buildings, county and mine roads, drainages, water bodies, power lines, and surface disturbance. Facilities and disturbances from past operations that

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Utah West Mining and Development Company will not have any involvement should also be delineated. The map can be prepared by using an enlarged USGS topo map, compass and tape. It does not need to be a surveyed map.

The original Mining and Reclamation Plan (Form MR-2) is being returned so that it can be notarized and then sent back to the Division. There is also enclosed a copy of the "Changes and Additions to the General Rules and Regulations Adopted by the Board of Oil, Gas, and Mining on March 22nd, 1978". The Division requires a letter of commitment to these changes and additions before approval can be issued.

If you have any questions please feel free to call. Thank you for your cooperation.

Sincerely,



K. MICHAEL THOMPSON
RECLAMATION HYDROLOGIST

cc: D.A. Frandsen
Professional Building
90 West 1st North
Price, UT. 84501

Enclosures: MR-2,
Rule Changes,
Seed Mixture

Proposed Revegetation Mixture and Schedule

for

The Delta Mine

Emery County, Utah

ACT/015/020

SPECIES

RATE

Yellow sweetclover

2 lbs/acre

Fourwing saltbush

2 lbs/acre

Sand dropseed

2 lbs/acre

Indian ricegrass

2 lbs/acre

Alkali sacaton

2 lbs/acre

Plant in the fall on all aspects after grading and scarifying all accessible surface disturbances. Seed should be broadcast, then drag covered.